



08/29/01

8-30-01

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Eugene P. Marsh

Serial No.: Unknown

Docket No.: 150.0064 0102

Title: DIFFUSION BARRIER LAYERS AND METHODS OF FORMING SAME

11046 U.S. PTO
09/942200
08/29/01

Assistant Commissioner for Patents
BOX PATENT APPLICATION
Washington, D.C. 20231

We are transmitting the following documents along with this Transmittal Sheet (which is submitted in triplicate):

- ☒ UTILITY PATENT APPLICATION including:
- ☒ Specification (25 consecutively numbered pgs, including 39 claims on 6 Consecutively numbered pgs and a 1 pg Abstract);
 - ☒ Drawings (8 figures on 4 sheets);
 - ☒ Copies of a signed Declaration (2 pgs.), Election and Power of Attorney (1 pg.), and Assignment (1 pg), all filed in prior application.
 - ☒ An itemized return postcard.
 - ☒ A check in the amount of \$790, for filing fee.
 - ☒ Other: Request for Filing a Divisional Patent Application Under Rule 1.53(b) (3 pgs).
 - ☒ Preliminary Amendment (5 pgs total, including Appendix A (2 pgs).

APPLICATION FILING FEE					
	Number of Pending Claims (1)	Claims Included in Basic Filing Fee (2)	Number of Extra Claims (1-2)	Cost per Extra Claim	Fee Required
Total Claims	17	- 20 =	--	x \$18 =	--
Independent Claims	4	- 3 =	1	x \$80 =	\$80
One or More Multiple Dependent Claims Presented? If Yes, Enter \$270 Here →					--
Enter Basic Filing Fee (Utility Patent-\$710) Here →					\$710
Total Application Filing Fee					\$790

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 13-4895. Triplicate copies of this sheet are enclosed.

MUETING, RAASCH & GEBHARDT, P.A.
Customer Number: 26813

By:
Name: Mark J. Gebhardt
Reg. No.: 35,518
Direct Dial: 612-305-1216
Facsimile: 612-305-1228

CERTIFICATE UNDER 37 CFR §1.10:

"Express Mail" mailing label number: EL776904416US

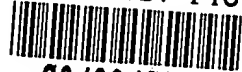
Date of Deposit: 29 August 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, BOX PATENT APPLICATION, Washington, D.C. 20231.

By:
Name: JACQUELYN K. TORBORG

(LARGE ENTITY TRANSMITTAL UNDER RULE 1.10)

09/942200-08/29/01



08/29/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket Number	Anticipated Classification		Prior Application	
150.0064 0102	Class	Subclass	Examiner S. Crane	Art Unit 2811

**REQUEST FOR FILING A DIVISIONAL PATENT APPLICATION
UNDER RULE 1.53(b)**

Assistant Commissioner for Patents
Attn: Box PATENT APPLICATION
Washington, D.C. 20231

Sir:

This is a request for filing a divisional application under 37 CFR §1.53(b) of Serial No. 09/146,866, filed on 3 September 1998, entitled DIFFUSION BARRIER LAYERS AND METHODS OF FORMING SAME by the following inventor(s) (name, address, and citizenship):

Eugene P. Marsh

**Address: 1722 Picabo Ct.
Boise, Idaho 83716**

Citizenship: US

1. ☐ Enclosed is a copy of the specification (including claims, abstract, and drawings) as filed in the prior application.
2. ☒ Enclosed is a new specification (including claims and abstract). The entire disclosure of the prior application is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference.
3. ☒ Enclosed is a copy of the Declaration and Election Under 37 C.F.R. §§3.71 and 3.73 and Power of Attorney filed in the prior application.
4. ☐ Enclosed is a newly executed Declaration and Power of Attorney.
5. ☒ Enclosed are formal drawings (4 sheets).
6. ☒ Cancel in this application claims 1-22 before calculating the filing fee. (At least one independent claim must be retained for filing purposes.)
7. ☒ A preliminary amendment is enclosed.

Filed: Herewith

Title: DIFFUSION BARRIER LAYERS AND METHODS OF FORMING SAME

8. X The filing fee is calculated below:

CLAIMS AS FILED			
NUMBER FILED	NUMBER EXTRA	RATE	BASIC FEE \$710
Total Claims 17-20 =	--	\$18	\$--
Independent Claims 4-3 =	1	\$80	\$80
MULTIPLE DEPENDENT CLAIM PRESENTED		\$270	\$--
FILING FEE:			\$790

- X A check in the amount of \$790 is attached.

10. X The Commissioner is hereby authorized to charge any additional fees as set forth in 37 CFR §1.16 to 1.18 which may be required by this paper or credit any overpayment to Account No. 13-4895.
11. This application is being filed by less than all of the inventors named in the prior application. Please delete the names of the following inventor(s) who are not inventors of the invention claimed in the present application:
12. X Amend the specification by inserting as the first sentence on page 1, the following: -- This is a division of application Serial No. 09/146,866, filed September 3, 1998, (pending), which is incorporated herein by reference.--
13. Priority of foreign application Serial No. , filed on in (country) is claimed under 35 U.S.C. §119.
14. X The prior application is assigned of record to Micron Technology, Inc.
15. X The Power of Attorney in the prior application is to: Mark J. Gebhardt

Mark J. Gebhardt
 Mueting, Raasch & Gebhardt, P.A.
 P.O. Box 581415
 Minneapolis, MN 55458-1415
Customer Number 26813

106230-0024550

Filed: Herewith

Title: DIFFUSION BARRIER LAYERS AND METHODS OF FORMING SAME

Address all future communications to:

MUETING, RAASCH & GEBHARDT, P.A.
P.O. Box 581415
Minneapolis, Minnesota 55458-1415
Customer Number 26813

Attn: Mark J. Gebhardt
(Telephone: 612-305-1220)
(Facsimile: 612-305-1228)

Date: 29 Aug 2001



Mark J. Gebhardt
Reg. No. 35,518
Direct Dial (612)305-1216

"Express Mail" mailing label number EL776904416US

Date of Deposit 29 August 2001

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Jacquelyn K. Torborg
Name: JACQUELYN K. TORBORG